## **Declaration For U.S. Patent Application**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

(Insert Title)	A POSITION ENCOI	DED SENSING DEVI	ICE AND A MI	ETHOD THEREOF			
the specification	n of which is attached he	reto unless the following	ng box is check	ed:			
was filed on As PCT Interna					lication		
Number and v			amended on	As U.S. Patent Application			
			as amended on				
any amendment I acknowledge I hereby claim certificate, or and have also	t referred to above. the duty to disclose infor foreign priority benefit 365(a) of any PCT Inter	mation which is mater s under 35 U.S.C. 11 national application whigh application for pa	ial to patentabil 19(a)-(d) or '3 hich designated tent or inventor	ity as defined in 37 C.F.R. ' 365(b) of any foreign appli at least one country other th	uding the claim(s), as amended by 1.56. ication(s) for patent or inventor's lan the United States, listed below tional Application having a filing		
					Priority Claimed  ☐ Yes ☐ No		
(List prior foreign	(Number)	(Country)	(Day	/Month/Year Filed)			
applications)	(Number)	(Country)	ountry) (Day/Month/Year Filed)	Yes No			
	(Number)	(Country)	(Day	/Month/Year Filed)	☐ Yes ☐ No		
I hereby claim the benefit under 35 U.S.C. '119(e) of any United States provisional application(s) listed below.							
(Application Number) (Filing Date)							
(Application Number)				Date)	<del></del>		
	☐ See at	tached list for addition	al prior foreign	or provisional applications.			
designating the disclosed in the duty to disclose	United States of Americal Prior application(s) (U	ca listed below and, i S. or PCT) in the man naterial to patentabilit	nsofar as the sunner provided by as defined in	ubject matter of each of the by the first paragraph of 35, 37 C.F.R. 1.56 which bec	PCT International application(s) claims of this application is not U.S.C. '112, I acknowledge the came available between the filing		
(List prior U.S. Applications or PCT International	(Application Ser	al No.)	(Filing Date)	(Status) (pa	(Status) (patented, pending, abandoned)		
applications designating the U.S	(Application Serial No.)		(Filing Date)	g Date) (Status) (patented, pending, ab			
	And I hereby appoint the	firm of Arent Fox, Cu	stomer Number	004372 including as princip	pal attorneys:		
Anderson, Lynne D., Reg. No. 46,412 Barton, Rhonda L., Reg. No. 47,271 Berman, Richard J., Reg. No. 39,107		g. No. 47,271	Huang, Sam, Reg. No. 48,430 Jenkins, Marylee, Reg. No. 37,645 Loughlin, Leo, Reg. No. 42,811				

Anderson, Lynne D., Reg. No. 46,412 Barton, Rhonda L., Reg. No. 47,271 Berman, Richard J., Reg. No. 39,107 Carlan, Janine, Reg. No. 42,387 Carpenter, Robert K., Reg. No. 34,794 Chesser, Wilburn, Reg. No. 41,668 Crosby, Hans J., Reg. No. 44,634 Hill, Rustan J., Reg. No. 37,351 Ho, Raymond J., Reg. No. 41,838 Hsu, John, Reg. No. 45,563

Jenkins, Marylee, Reg. No. 37,645 Loughlin, Leo, Reg. No. 42,811 Marmelstein, Charles M., Reg. No. 25,895 Murphy, Christopher, Reg. No. 39,786 Oram, George, E., Jr., Reg. No. 27,931 Ozgu, Murat, Reg. No. 44,275 Stahnke, Sarah, Reg. No. 54,854 Sundararajan, Bala, Reg. No. 50,900 Wong, King, Reg. No. 37,500

## Please direct all communications to the following address:

Customer No. 004372 ARENT FOX KINTNER PLOTKIN & KAHN, PLLC 1050 Connecticut Avenue, N.W., Suite 400 Washington, D.C. 20036-5339 Telephone No. (202) 857-6000 Facsimile No. (202) 638-4810

The undersigned hereby authorizes the U.S. attorneys named herein to accept and follow instructions from the undersigned's assignee, if any, and/or, if the undersigned is not a resident of the United States, the undersigned's domestic attorney, patent attorney or patent agent, as to any action to be take in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the U.S. attorneys named herein will be so notified by the undersigned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of s	ole or first inventor Chen-Hsien LIAO	•				
Inventor's sign	nature Chen-Hsien Liao	02/09/2004				
Residence	Taipei City, TAIWAN	Date				
Citizenship	Taiwan					
Post Office Address 2F., No. 41, Lane 165, Sec. 1, Sinsheng S. Rd., Jhongjheng District, Taipei Cit TAIWAN, R.O.C.						
Full name of se	econd inventor Hsu-Ping TSENG					
Inventor's sign	Hsu-Ping Tseng	02/09/2004 Date				
Residence	Hsinchu City, TAIWAN					
Citizenship	Taiwan					
Post Office Address	3F., No. 51, Lane 643, Sida Rd., Hsinchu City 300, TAIWAN, R.O.C.					